

# 10th Class 2020

Chemistry	Group-II	Paper-II
Time: 15 Minutes	(Objective Type)	Marks: 12

Note: Four possible answers A, B, C and D to each question are given. The choice which you think is correct, fill that circle in front of that question with Marker or Pen ink in the answer-book. Cutting or filling two or more circles will result in zero mark in that question.

- 1-1- Percentage of oxygen gas by volume in dry air is:  
(a) 10 % (b) 20.94 % ✓  
(c) 30.94 % (d) 40 %
- 2- Which one of these is a saturated hydrocarbon?  
(a)  $C_2H_4$  (b)  $C_4H_8$   
(c)  $C_3H_6$  (d)  $C_5H_{12}$  ✓
- 3- Which one of the following petroleum fractions is used as laboratory solvent?  
(a) Kerosene oil (b) Diesel oil  
(c) Petroleum ether ✓ (d) Fuel oil
- 4- The units of molar concentration are:  
(a)  $\text{mol dm}^{-3}$  ✓ (b)  $\text{mol dm}^{-2}$   
(c)  $\text{mol dm}^{-1}$  (d)  $\text{mol dm}^3$
- 5- Boiling point of water at sea level is:  
(a)  $0^\circ\text{C}$  (b)  $50^\circ\text{C}$   
(c)  $70^\circ\text{C}$  (d)  $100^\circ\text{C}$  ✓
- 6- If  $Q_c > K_c$ , what will be the direction of a reaction?  
(a) Forward (b) Reverse ✓  
(c) Equilibrium state (d) In no direction
- 7- Which disease is caused by an excess of bile pigments in the blood?  
(a) Jaundice ✓ (b) Typhoid  
(c) Cholera (d) Fluorosis

- 8- Which one of the following salts will you use to dry a gas?
- (a)  $\text{CaSO}_4$  (b)  $\text{NaCl}$   
(c)  $\text{CaO}$  ✓ (d)  $\text{Na}_2\text{SiO}_3$
- 9- Which acid is used to cure sting of wasps?
- (a) Uric acid (b) Malic acid  
(c) Lactic acid (d) Acetic acid ✓
- 10- Which one of the following is a disaccharide?
- (a) Sucrose ✓ (b) Glucose  
(c) Fructose (d) Starch
- 11- The ability of carbon atoms to form chains is called:
- (a) Isomerism (b) Catenation ✓  
(c) Resonance (d) Condensation
- 12- Photosynthesis process produces:
- (a) Starch (b) Cellulose  
(c) Glucose ✓ (d) Sucrose